

*th*  
KASUMOV, A.A., Cand Tech Sci--(diss' "Study of conditions of use of  
*hardened* *el reinforced*  
~~toughened~~ steel in curved ~~reinforced~~ concrete structures." Baku, 1958. 14 pp  
(Min of Higher Education USSR. Azerbaydzhan Polytech Inst), 150 copies  
(EL,44-58,122)

- 36

*Kasumov, A.D.*

KASUMOV, A.D.

Production cost in livestock farming and measures for reducing it  
[in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR no.11:  
113-126 '57. (MIRA 11:1)  
(Imishli District--Stock and stockbreeding)

KASUMOV, A.K.

Lateral vibrations of the drill spring in turbodrilling.  
Azerb. neft. khoz. 41 no. 11:18-19 N '62. (MIRA 16:2)  
(Oil well drilling--Equipment and supplies)  
(Turbodrills)

KASUMOV, Araz

Calculating the strength of a bank of pipes in turbodrilling.  
Uch. zap. AGU. Ser. fiz.-mat. nauk no.3:79-85 63.

(MIRA 17:12)

KASUMOV, Aristo Kasum

[Garment cutting] Paltar bichimi. Baky, Azerneshr, 1962.  
70 p. [In Azerbaijani] (MIRA 17:5)

KASUMOV, Imran; LEMBERANSKIY, Alish, red.

Baku. Baku, Bakinskii Gor. Sovet, 1964. 1 v.  
(MIRA 18:4)

KASUMOV K.

VAYNSHTEYN, G.; YELISEYEV, V.; SHALONKIN, B.; KASUMOV, K.; OZEROV, I.  
ZHADAN, Ye.; MANUYLOV, V.; MISHIN, F.

Foremost workers taking part in the socialist competition.  
Avt.transp. 35 no.9:32-33 S '57. (MIRA 10:10)  
(Automobile drivers) (Highway transport workers)

KASUNOV, K.

In the mountains of the Lesser Caucasus. Sov.profsoiuzy 16 no.9:25-  
26 My '60. (MIRA 13:7)

1. Predsedatel' postroykoma tresta "Dashkesanrudstroy."  
(Dashkesan---Construction Industry)



KASUMOV, K. F.

Cand Geol-Min Sci - (diss) "Kalinskaya strata of the southeastern part of the Apsheronskiy Archipelago and prospects for its petroleum gas-bearing potential." Baku, 1961. 14 pp; (Committee on Higher and Secondary Specialist Education under the Council of Ministers Azerbaydzhan SSR, Azerbaydzhan Order of Labor Red Banner Inst of Petroleum and Chemistry imeni M. Azizbekov); 250 copies; free; (KL, 6-61 sup, 202)

KASUMOV, K.F.

Some features of petroleum distribution in the Kala series in  
the Zpiloy Island, Gryazevaya-Sopka, and Neftyanyye Kamni fields.  
Azerb. neft. khoz. 39 no.12:1-3 D '60. (MIRA 14:9)  
(Apsheron Peninsula—Petroleum geology)

KASUMOV, K.F.

Division of the Kala series in fields of the southeastern  
Apsheron Archipelago. Uch. zap. AGU. Ser. geol. geog. nauk  
no.1:47-53 '61. (MIRA 16:8)

KASUMOV, K.F.

Development of oil-bearing structures in the southeastern part of the Apsheron Archipelago in the lower section of the productive stratum. Dokl.AN Azerb.SSR 17 no.9:797-802 '61. (MIRA 15:3)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR M.V.Abramovichem.

(Apsheron Peninsula--Petroleum geology)

KASIMOV, K.F.

Changes in the chemical composition of waters in fields of  
the Kala series of the southeastern Apsheron Archipelago.  
Azerb. neft. khoz. 40 no.1:4-6 Ja '61. (MIRA 14:8)  
(Apsheron Archipelago---Oil field brines)

KASUMOV, K.F.

History of the geotectonic development of the Kala Basin of the  
southeastern Apsheron Archipelago. Geol. nefti i gaza 6 no.11:  
49-52 N '62. (MIRA 15:12)

1. Institut geologii AN AzerSSR.

KASUMOV, K.F. [deceased]; ABRAMOVICH, M., akademik, red.

[Kala series in the southeastern part of the Apsheron Archipelago and prospects for finding oil and gas in it]  
Kalinskaia svita iugo-vostochnoi chasti Apsheronskogo arkhipelaga i perspektivy ee neftegazonosnosti. Baku, Izd-vo AN Azerbaidzh.SSR, 1965. 92 p. (MIRA 18:8)

KASUMOV, M.

Kirovabad,

on: Dashkesankiy Iron Ore Deposits

Soviet Source: N: Kazakhstanskaya Pravda, 14, Oct., 1947  
Alm2-At2

Abstracted in USAF "Treasure Island" Report No. 13859, on file in Library of  
Congress, Air Information Division.



Kasumov, M. A.

MD

✓Chemical composition of *Erythronium aureum* from Azer-  
baidzhan, and the effect of galenical preparations of it on the  
cardiovascular system. A. I. Karayev, R. K. Aliyev, M. A.  
Kasumov, and P. A. Yuzhashinskaya. *Izvest. Akad. Nauk  
Azerbaidzhan. S.S.R.* 1935, No. 3, 85-77 (in Russian).—  
*E. aureum* contains alkaloids, glycosides, bitter principles,  
tannins, pigments, sugars, fatty resinous substances, org.  
acids, and vitamin C, but no other vitamins. Aq. and alc.  
exts. of it are  $\frac{1}{10}$  to  $\frac{1}{20}$  as toxic as strophanthin and the  
difference between therapeutic and toxic doses of exts. of  
*E. aureum* is very great. Action of aq. exts. of *E. aureum*  
on the heart and blood pressure is similar to that of stro-  
phanthin.  
Cyrus C. Sturgis, Jr.

(6)

*Kasumov M.A.*  
ALIYEV, R.K.; ALLAKHVEDIBEKOV, G.B.; KASUMOV, M.A.; BAGIROV, S.N.

Characteristics of the chemical composition of treacle mustard  
*Erysimum pasgalense* Boiss. occurring in Azerbaijan and the  
effect of its preparations on the cardiovascular system. Uch.  
zap. AGU no.7:73-81 '55. (MLRA 9:12)

(Azerbaijan--Treacle mustard)  
(Cardiac glycosides)

KASUMOV, M.A.

ALIYEV, R.K.; KASUMOV, M.A.; ALLAKHVERDIBEKOV, G.B.; YUZHASHINSKAYA, P.A.

Chemical composition of Georgian treacle mustard (*Erysimum  
ibericum* Adams.) occurring in Azerbaijan and the effect on the  
cardiovascular system of galenicals derived from it. Uch. zap.  
AGU no.4:27-38 '56. (MLRA 9:11)

(Azerbaijan-Treacle mustard)  
(Cardiac glycosides)

USSR/Pharmacology and Toxicology - Cardiovascular Drugs.

V-6

Abs Jour : Ref Zhur - Biol., No 14, 1958, 66365

Author : Kasumov, M.A., Yuzbashinskaya, P.A., Danirov, I.A.,  
Guseinov, D.Ya.

Inst : Azerbaydzran University.

Title : The Chemical Composition of Erysimum Feodorii Growing in  
Azerbaydzhan, and the Effects of Its Galenical Prepara-  
tions on the Organs of Circulation.

Orig Pub : Elmi eserler. Azerb. univ., Uch. zap. Azerb un-t, 1956,  
No 12, 65-76.

Abstract : Erysimum Feodorii-Kasumovi contains alkaloids, glycosi-  
des, saccharoid, tanning and pigment bitter principles,  
organic acids and vitamin C. Five to 10% of 20% aqueous  
infusions and a 1:1 alcoholic extract (alcohol was evap-  
rated prior to the experiment and the dry residue was

Card 1/2

- 23 -

*Varities*  
KASUMOV, M. A. Doc Biol Sci -- (diss) "~~the~~ Azerbaydzhan ~~Forms~~ of  
the Genus Erysimum and Their Therapeutic Importance." Baku, 1957.  
25 pp 21 cm. (Academy of Sciences USSR, Botanical Inst <sup>IN</sup> im V. L.  
Komarov), 100 copies (KL, 26-57, 106)

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42388.

Author : Allakhverdibekov, G. B.; Aliyev, R. K.; Bagirov  
S. N.; Kasumov, M. A.; Tagdisi, D. G.

Inst : Azerbaidzhan University.

Title : On the Characteristics of the Chemical Composition of the Grass *Erysimum nachyzevanicum*, Growing in Azerbaidzhan, and On the Action of Its Preparations Upon the Cardiovascular System.

Orig Pub: Uch. zap. Azerb. un-t, 1957, No 1, 125-134.

Abstract: Alkaloids constitute 0.033%, glycosides - 0.055% of dry weight of *Erysimum nachyzevanicum*. Intramuscular injection in white mice weighing 15-20 gm of 1 ml of a 10% aqueous infusion or alcoholic fluid extract of *E. nachyzevanicum*, in a concentration of 1:3, showed toxic effects and an equal

Card 1/3

28

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42388.

Abstract: volume of a 20% infusion or extract 1:2 caused death of the animals (3 out of 6). Following administration of 1 ml of 20% infusion or 1 ml of fluid extract of Erysimum, 3 out of 6 frogs, placed on their backs, were unable to return to the normal position. This dose was accepted by the authors as a unit (1 frog unit). At the time of the biological standardization, according to the method described in the state pharmacopea of USSR (8th edition), the injection into the lymphatic sac of the frog of I, 1 ml of a 30% aqueous infusion of E. nachezevanicum or 0.25 ml of 0.1% solution of strophanthin, similarly produced, within one hour, in 2 out of 6 frogs, a full arrest of the heart in systole, in one frog - a transient standstill. The addition of 1 drop of a 10% aqueous infusion

Card 2/3

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42388.

Abstract: of E. nachyzevanicum to Ringer's solution, feeding an isolated heart, caused increase of the amplitude and slowing of the cardiac contractions; the addition of 3 drops of a 5% infusion or 2 drops of fluid extract 1 : 1, showed toxic effects. These data were also confirmed on isolated hearts of warm blooded animals. After intervenous injection in cats and rabbits, of a 0,2 ml doses of fluid extract 1 : 1, an elevation of arterial pressure was observed; after a 1 ml dose - a fall was noted. -- L. N. Lavrent'yev

Card 3/3

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*Kasimov, M.A.*

KASIMOV, M.A.

New treacle mustard species. Uch. zap. AGU no.3:67-74 '57.  
(Nakhichevan A.S.S.R.--Treacle mustard) (MIRA 11:1)

Касумов, М.А.

KASUMOV, M.A.; KARAYEV, A.I.; ALIYEV, R.K.; YUZBASHINSKAYA, P.A.

Characteristics of the chemical composition of the treacle mustard  
Erysimum crassipes occurring in Azerbaijan and the effect of ga-  
lenicals derived from it on the cardiovascular system. Uch. zap.  
AGU no.4:83-94 '57. (MIRA 11:1)  
(AZERBAIJAN TREACLE MUSTARD) (CARDIAC GLYCOSIDES)

**KASUMOV, M.A.**

Phylogeny of the treacle mustard genus (*Erysimum* L.) and its  
position in the mustard family (Cruciferae B. Juss.). Uch. zap.  
AGU no.7:71-96 '57. (MIRA 11:11)  
(Azerbaijan--Treacle mustard)

KASUMOV, M.A.

USSR / Cultivated Plants. Medicinal Plants. Essential- M  
Oil Plants. Poisonous Plants.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25100

Author : Kasumov, M. A.  
Inst : Azerbaydzhan University  
Title : Biomorphological Characteristics of Certain  
Azerbaydzhan Treacle-Mustard Species

Orig Pub : Uch. zap. Azerb. un-t, 1957, No 12, 66-71

Abstract : Geographic sowings of 7 treacle-mustard  
species were conducted under Leningrad and  
in Apsheron (Azerbaydzhan). Transplanting  
the mustard from one region to another  
sharply affected the content of the gluco-  
sides. Accumulation of cordial glucosides  
in the treacle-mustard species under northern  
conditions in cultivated and wild-growing

Card 1/2

USSR / Cultivated Plants. Medicinal Plants. Essential- M  
APPROVED FOR RELEASE: 06/13/2000 OIL PLANTS. POISONOUS PLANTS. Essential- M  
CIA-RDP86-00513R000721110002-7"

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25100

plants is higher in high-mountain regions  
than in the foothills or the semi-steppe  
zones in the south.

Card 2/2

KASUMOV, M. A., Doc Biol Sci -- (diss) "Azerbaydzhan species of the  
Erysimum genus and their medicinal significance." Len, 1958. 24 pp  
(Acad Sci USSR, Botanical Inst im V. L. Komarov), 150 copies. List of  
author's works, p 24 (KL, 17-58, 106)

-17-

KASUMOV, M.A.; DEDUSENKO, G.Ya.

Viscosity reducers for clay muds from wild tannin-bearing  
plants of Azerbaijan. Izv. vys. ucheb. zav.; neft' i gaz  
4 no.9:27-32 '61. (MIRA 14:12)

1. Azerbaydzhanskiy gosudarstvennyy universitet imeni Kirova  
i Azerbaydzhanskiy nauchno-issledovatel'skiy institut po dobyche  
nefti.

(Oil well drilling fluids)  
(Azerbaijan--Tannins)

KASUMOV, M.A.

Biomorphological characteristics of some Azerbaijan species of  
Erysimum. Uch. zap. AGU. Ser. biol. nauk no. 2:3-6 '64  
(MIRA 19:1)

KASUMOV, M.M.

Zardabi as the first scientist-Darwinist in Azerbaijan. Uch.zap,AGU.  
no.8:79-90 '57. (MIRA 11:11)

(Zardabi, Gasan-Bek, 1837-1907)



USSR/Farm Animals. Horses.

Q

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92563.

Author : Kasunov, M.S.

Inst : AS USSR

Title : Connection Between the Type of Higher Nervous Activity  
and Capacity for Work in Horses.

Orig Pub: V sb.: Vopr. fiziol. s.-kh. zhivotnykh, M.-L.,  
AN SSSR, 1957, 79-81.

Abstract: Types of higher nervous activity in horses were  
determined from 4 to 8 o'clock a.m. to feeding time.  
Tests for the work capacity were conducted on a dirt  
road to determine the pulling force (40% of the live  
weight), speed of the pace (tractive force 15% of  
the live weight) on a distance of 2000 meters, trotting

Card : 1/2

KASUMOV, M. S., Candidate of Agric Sci (diss) --- "The connection between the work potential of horses and their type of higher nervous activity". Kirovabad, 1959. 20 pp (Min Agric USSR, Azerb Agric Inst), 150 copies (KL, No 21, 1959, 117)

I 17705-66 EWT(a)/T IJP(e)

ACC NR: AP6005605

SOURCE CODE: UR/0233/65/000/003/0021/0024

AUTHOR: Kasumov, R. K.

ORG: none

22  
8

16, 44, 55  
TITLE: Asymptotics of the Green's function for a variable coefficient diffusion equation

SOURCE: AN AzerbSSR. Izvestiya. Seriya fiziko-tekhnicheskikh i matematicheskikh nauk, no. 3, 1965, 21-24

TOPIC TAGS: differential equation, Green function, asymptotics

ABSTRACT: The author is interested in the asymptotics of the Green's function  $G(x, t)$  as  $t \rightarrow +0$ ,  $x \rightarrow \infty$  for

$$\begin{cases} P(x) \frac{\partial u}{\partial t} = \frac{\partial^2 u}{\partial x^2} \\ u(x, 0) = \vartheta(x), \end{cases} \quad (1)$$

where  $P(x) > 0$ . 1)  $P''(x)$  is continuous; 2)  $\int_{-\infty}^{\infty} \left( \left| \frac{P''}{P^2} \right| + \left| \frac{P'}{P^2} \right| \right) dx < \infty$ ; 3)  $\lim_{x \rightarrow \pm \infty} \xi(x) = \infty$ .

Card 1/2

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L 17705-66

A.C. NR: AP6005605

$$t(x) = \int_0^x \sqrt{P(\tau)} d\tau \quad (2)$$

It is shown that under 1), 2), 3) the asymptotics for  $G(x, t)$  as  $\frac{t^2(x)}{t} \rightarrow +\infty$  has

$$\text{the form } G(x, t) = \frac{|P(x)|^{-\frac{1}{4}}}{2\sqrt{\pi}} \cdot \frac{1}{\sqrt{t}} e^{-\frac{t(x)}{4t}} \left[ 1 + O\left(\frac{t}{t(x)}\right) \right]$$

Orig. art. has: 1 figure and 6 formulas.

SUB CODE: 12/ SUBM DATE: 22Oct64/ ORIG REF: 002/ OTH REF: 001

Card 2/2 nst

45642

S/877/62/001/000/004/005  
D201/D308

9.7500

AUTHORS:

Aleskerov, S.A., Gel'man, M.M. and Kasumov, R.Ya.

TITLE:

A fast generator-counter system

SOURCE:

Akademiya nauk Azerbaydzhanskoy SSR. Vychislitel'nyy  
tsentr. Trudy, v. 1, 1962, 38-45

TEXT:

The authors describe the circuits and the operation of a nanosecond pulse generator and an associated binary counter. The pulse generator consists of a crystal controlled oscillator, buffer stage, used also as a suppressor-controlled gate, limiter and inductive differentiating stage and finally a pulse-shaping output stage. All stages have pulse-transformer coupling. Pulses of nanosecond duration are obtained from heavily damped transients in the pulse transformer of the differentiating stage and by diode loading of the output stage. Ferrite cores are used throughout. The output pulse amplitude is about 20 v, repetition frequency of the order of 8 Mc/s, pulse duration 0.04  $\mu$ sec. The binary counter following the pulse generator consists of two flip-flops, the first with H<sup>+</sup> anode

Card 1/2

S/877/62/001/000/004/005  
D201/D308

# A fast generator-counter system

circuit correction, separated by pulse amplifying stages. The circuit utilizes valves with small stray and interelectrode capacitances. The first flip-flop operates at pulse repetition frequencies up to 5 Mc/s; the second flip-flop at up to 2 Mc/s, with output pulse amplitudes of about 60 v. The carry pulse is obtained by RC differentiation, amplitude about 15 v, duration between 0.04 and 10 microseconds. Tolerance of components is  $\pm 20\%$ . The above generator-counter system may be used in time-modulator digital-analog and analog digital converters. There are 9 figures.

2/2

KASUMOV, R.Ya.; TIMOFEYEV, B.B.

Problems concerning errors and data processing in measuring the frequency of string transducers in systems of centralized control with electronic digital computers. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk no.4:21-31 '63. (MIRA 16:12)

KASUMOV, R. Yu.

KARAYEV, A.I.; KASUMOV, R.Yu.

Effect of irritation of interoceptors of the rectum and urinary  
bladder on the glycogen content of the blood. Dokl.Azerb.SSR  
10 no.1:51-55 '54. (MLRA 7:7)  
(Glycogen) (Receptors (Neurology)) (Blood--Analysis and  
chemistry)



KASUMOV, SH.

Jan 48

USSR/Medicine - Ulcers  
Medicine - Vitamin Therapy

"The Use of Raw Potato Juice in the Therapy of  
Ulcerous Diseases," Sh. Kasumov, Second Prop-  
aganda Therapeutic Clinic, Azerbaijan  
Med Inst, Baku, 1 p

"Sov Med": No 1

Results of experiments to determine the effect of  
the Vitamin C of potato juice on the therapy  
of ulcerous diseases.

2/49T92

KASUMOV, Sh.

USSR/Medicine - Diseases, Internal  
Organs  
Medicine - Bromides, Effect of

Feb 49

"The Use of Bromides in Certain Diseases of the Internal Organs," Prof. M. A. Efendiyev, Dir, Second Clinic of Diagnosis and Local Path of Internal Organs F. Ali-Zade, T. Asadova, B. Bagirova, Sh. Kasumov, D. Rustambekova, Second Clinic of Diagnosis and Local Path of Internal Organs, Azerbaydzhan Med Inst, Baku, 4 pp

"Klin Med" Vol XXVII, No 2

Intravenous injection of a 10% sodium bromide solution, prepared in a 40% glucose solution, showed a positive effect in 23 of 25 bronchial asthma cases. Treatment of gastric and duodenal ulcers with Bromides (together with atropine) was effective in a majority of cases. Best results in treatment of hypertonia were obtained by using daily injections of a 10% sodium bromide solution in conjunction with diathermy in the region of the kidneys.

58/49T68

AKHUNDOVA, G.V.; ALIYEV, A.A.; ZEYNALOV, S.K.; KASUMOV, S.G.

Scintillation amplitude of a star's image as dependent on the  
zenith distance. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn.  
nauk no.1:95-111 '63. (MIRA 16:7)

(Stars Observations)

**KASUMOV, S.K.**

Azerbaijan S.S.R. Prom.koop. no.1:10-11 Ja '57.

(MLRA 10:4)

1. Predsedatel' pravleniya Azpromsoвета.  
(Azerbaijan--Cooperative societies)

AKHUNDOVA, G.V.; ALIYEV, A.A.; ZEYNALOV, S.G.; KASUMOV, S.K.

Comparison of the astroclimatic characteristics of two points.  
Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk no.2:91-102 '63.  
(MIRA 16:10)

VOYEVODIN, A.V., kand. sel'skokhoz. nauk; IVANOVA, Ye.I., aspirantka; BAGIROV, G.D.; IGAMBERDYEV, Kh., aspirant; TKACH, M.T., agronom; IBRAGIMOV, G.R., doktor sel'skokhoz. nauk; ASKEROVA, T.Z.; mladshiy nauchnyy sotrudnik; KOSHKAROVA, D.D., mladshiy nauchnyy sotrudnik; KASUMOV, V.G., mladshiy nauchnyy sotrudnik; RAGIMOV, I.R., mladshiy nauchnyy sotrudnik;

From practices in using poisonous chemicals. Zashch. rast. ot. vred. i bol. 9 no.5:22-24 '64. (MIRA 17:6)

1. Vsesoyuznyy institut zashchity rasteniy (for Voyevodin).
2. Sibirskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta maslichnykh i efiromaslichnykh kul'tur, Isil'kul', Omskoy oblasti (for Ivanova).
3. Azerbaydzhanskiy institut zashchity rasteniy, Kirovabad (for Bagirov).
4. Surkhandar'inskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya (for Igamberdyev).
5. Kuybyshevskiy punkt ucheta i prognozov (for Tkach).
6. Azerbaydzhanskiy institut zashchity rasteniy (for Ibragimov, Askerova, Koshkarova, Kasumov, Ragimov).
7. Nachal'nik otryada po bor'be s vreditelyami i boleznyami rasteniy Chistopol'skogo rayona Tatarskoy ASSR (for Mironov).

KASUMOV, Ya.A., kand. med. nauk; BAYRAM-ALIBEKOVA, R.T., kand. med. nauk

Some data on the effect of the nervous system on the development  
and course of hearing disorders and deafness in boilermakers;  
preliminary report. Azerb. med. zhur. 41 no.2:19-23 F '64  
(MIRA 18:1)

1. Iz otorinolaringologicheskoy kliniki Azerbaydzhanskogo gosudarstvennogo meditsinskogo instituta imeni N.Narimanova.

SADYKH-ZADE, S.I., KASUMOV, YE.M.

"Die anlagerung von siliciumhydriden an acetylenkohlenwasserstoffe  
und deren abkömmlinge."

Report submitted to the 2nd Dresden Symp. on Organic and Non-Silicate  
Silicon Chemistry  
Dresden East Germany 26-30 March 1963



KASUMOVA, A. A.

"Vitamin D<sub>2</sub> in Association with Radiant Energy or with Scarification and 'Kryotherapy' in the Treatment of Tuberculous Lupus."

Vestnik venerologii i dermatologii (Bulletin of Venerology Dermatology),  
No 1, January-February 1954 (biomper), Moscow.

TAGIYEV, M.B., kand. ekonom. nauk; KASUMOVA, E.G., mladshiy nauchnyy sotrudnik  
Growing branches of the Azerbaijan industry. Kozh.-obuv. prom. 6 no18:  
7-8 Ag '64. (MIRA 17:10)

MADATOV, E.Kh.; KASUMOVA, G.K.

Mineral composition of clays of the Kala series. Azerb.neft.khoz.  
35 no.8:4-5 Ag '56. (MLRA 9:10)

(Clay)

KASUMOVA, G. M.

KASUMOVA, G. M. — "The Flora of the Oligocene Deposits of the North-eastern Pied-mont of the Lesser Caucasus (Azerbaijdzhan) and Its Stratigraphic Significance." Published by the Acad Sci Azerbaydzhan SSR. Inst of Geology imeni Academician I. M. Gubkin. Baku, 1955. (Dissertation for the Degree of Candidate in Geologicomineralogical Sciences)

SOURCE Knizhnaya Letopis', No 6 1956

MADATOV, E.Kh.; KASUMOVA, G.M.; KERIMOVA, Z.A.

Mineralogical composition of clays in the Kala series. Azerb.neft.khoz.  
37 no.12:10-11 D '58. (MIRA 12:3)  
(Apsheron Peninsula--Clay)

KASUMOVA, G.M.

Description of a new fossil sumac species. Dokl. AN Azerb. SSR  
16 no.2:167-168 '60. (MIRA 13:8)

1. Institut geologii AN AzerSSR.  
(Sumac, Fossil)

KASUMOVA, G.M.

Description of new species of fossil representatives of the genus  
Cinnamomum Blume [in Azerbaijani with summary in Russian]. Dokl.  
AN Azerb.SSR 16 no.7:685-688 '60. (MIRA 13:9)  
(Caucasus--Cinnamon, Fossil)

KASUMOVA, G.M.

Description of a new species from middle Oligocene sediments in Azerbaijan. Dokl.AN Azerb.SSR 16 no.10:969-971 '60.

(MIRA 14:1)

1. Institut geologii AN AzerbSSR. Predstavleno akademikom AN AzerbSSR Sh.F. Mekhtiyevym.

(Shaumyanovsk District--Leguminosae, Fossil)



KASUMOVA, G.P.

Lower Oligocene flora of the Darydag region, Nakhichevan  
A.S.S.R. Dokl. AN Azorb. SSR 17 no. 6: 737-740 '61.  
(MIRA 14:10)

1. Institut geologii AN AzorbSSR. Predstavleno akademikom  
AN Azerbaydzhanskoy SSR A.D. Sultanov.  
(Darydag region--Paleobotany, Stratigraphic)

DZHABAROVA, Kh.S.; KASUMOVA, G.M.

Additional materials on fossil plants from Maikop deposits of the Talysh based on plant imprints and palynological data. Dokl. AN Azerb. SSR 17 no. 11: 1081-1083 '61. (MIRA 15:2)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN AzSSR Sh. F. Mekhtiyevym.  
(Talysh Mountains—Paleobotany, Stratigraphic)

KASUMOVA, G.M.

Find of a fossil species of the genus *Engelhardtia* in Oligocene deposits of Azerbaijan. Dokl.AN Azerb.SSR 18 no.1:31-33 '62. (MIRA 15:3)

1. Institut geologii AN AzSSR. Predstavleno akademikom AN Azerbaydzhanskoy SSR Sh.F.Mekhtiyevym.  
(Zeyva--Engelhardtia) (Paleobotany)

KASIMOVA, G.M.

Imprints of fossil oak leaves from Oligocene sediments in the  
northeastern piedmonts of the Lesser Caucasus (Azerbaijan).  
Uch.zap. AGU. Geol.-geog.ser. no.6:19-30 '59. (MIRA 15:9)  
(Azerbaijan--Oak, Fossils)

KASUMOVA, G.M.

History of the study of the flora of Cenozoic sediments in  
Azerbaijan. Uch.zap.AGU. Geol.geog.ser. no.6:67-84 '61.  
(MIRA 16:1)  
(Azerbaijan—Paleobotany)

USSR/Cultivated Plants - Medicinal. Essential Oils. Toxins.

M-7

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91883

Author : Kasumova, M.M.

Inst : Azerbaydzan Medical Institute.

Title : Studies of the Leaves and Green Pericarp in the Walnut  
(Juglans regia L.) in the Light of Phytocidic Properties.

Orig Pub : Sb. tr. Azerb. med. in-ta, 1956, vyp. 3, 170-175.

Abstract : Paramecium caudatum and Opalina ranarum were used for the biological test. It was established that the leaves and the green pericarp of the unripened walnut have phytocidic properties. "The tissue juices" are more active than their volatile fraction. The phytoncides of different organs and parts of the plants have different effects on different forms of protozoa. The method of investigation is described. -- L.N. Korolev.

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KASUMOVA, M. M., Cand Biol Sci -- (diss) "Protistocidic and bacteri-  
cidic properties of phytoncides of green leaves and the pericarp of  
immature walnuts -- *Juglans regia* L." Baku, 1960. 28 pp; (Committee of  
Higher and Secondary Specialist Education under the Council of Minis-  
ters Azerbaydzhan SSR, Azerbaydzhan State Univ im S. M. Kirov); 100  
copies; price not given; (KL, 24-60, 130)

KASUMOVA, M.M.

Phytoncides. Uch. zap. AGU. Biol. ser. no.3:63-71 '59. (MIRA 15:5)  
(PHYTONCIDES)



L 04973-67 EWT(m)/EWP(j) LJP(c) RM/WW  
 ACC NR: AP6025824 (A) SOURCE CODE: UR/0316/66/000/001/0052/0055

AUTHOR: Petrova, Z. G.; Kasumova, N. M.

ORG: Institute of Theoretical Problems of Chemical Technology, AN AzerbSSR (Institut teoreticheskikh problem khim. tekhnologii AN AzerbSSR)

TITLE: Preparation of diethylbenzene-styrene copolymers via the polyrecombination reaction

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 1, 1966, 52-55

TOPIC TAGS: copolymer, styrene, dialkyl benzene

ABSTRACT: In an earlier article (Azerb. khim. zh., 1965, No. 6), the authors showed that diethylbenzene polymers can be obtained by the polyrecombination reaction. In the present paper, the polyrecombination reaction was used to synthesize diethylbenzene-styrene copolymers in the range of 150-170°C. The temperature, reaction time and ratio of the initial components did not affect the total yield of copolymers, but did affect the quantitative distribution of the types of copolymers and their qualities. At 150°C at all diethylbenzene/styrene ratios only soluble high-molecular polymers were formed. At 160°C, cross-linked structures began to form in the presence of a 50% content of diethylbenzene; when 60% of the latter was present, only a three-dimensional polymer was observed to form. No other changes were noted upon raising the temperature to 170°C. Although the reaction time and change in the diethylbenzene

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ACC NR: AP6025824

content of the mixture from 20 to 60% at 150°C and from 20 to 40% at 160°C did not affect the yields of solub<sup>l</sup>, high-molecular copolymers, these parameters did influence the molecular weight, which at a constant temperature was found to increase with rising diethylbenzene content of the mixture. When this content was constant, the molecular weight of the copolymer increased with rising temperature. At a constant composition of the reaction mixture and constant temperature, the molecular weight of the copolymer increased with the reaction time. It is concluded that both linear copolymers and macromolecules of cross-linked structure can be obtained from a mixture of diethylbenzenes with styrene. Orig. art. has 1 figure and 2 tables.

SUB CODE: 11/ SUBM DATE: 12Mar58/ ORIG REF: 002/ OTH REF: 002

Card

2/2

KASUMOVIC, M.

Elements of the long tidal periods of the Adriatic Sea. p. 171.

GEOLOSKI VJESNIK (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko  
geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955).

Monthly list of East European Accessions (EEAI) IC, Vol. 8, no. 8, Aug. 1959

Uncl.

KASUMOVIC, MARIJAN.

Kasumovic, Marijan. Srednja razina jadranskog mora i geodetska normalna nula Trst. Josip Mokrovic. Potresi u Zagrebu, 1950. 77 p. illus. ( Mean level of the Adriatic Sea and the zero level of Trieste. Josip Makrovic: Earthquakes in Zagreb. English and French summaries. bibl.)

SO: Monthly List of East European Accessions, L.C. Vol.3, No. 4, April 1954

KASUMOVIC, Marijan.

Harmonic Analysis of Tides at Bakar. Zagreb, 1952 (Geophysical Inst. ser. 3, no.1)

KASUMOVIC, M.

Some experiences with the tidegauge stylus. p. 141.  
(GODISNJAK, Yugoslavia, 1955 (published 1955))

SO: Monthly List of East European Accessions (LEAL) LC, Vol. 6 no. 7, July 1957. Uncl.

KASUMOVIC, M.

Mean-level heights of the Adriatic Sea and their determination. p. 159.

GEODETSKI LIST. (Drustvo geodeta Hrvatske) Zagreb.  
Vol. 13, no. 7/9, July/Sept. 1959

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11  
November 1959  
Uncl.

KASUMOVIC, Marijan

Excerpt of the Report of the Secretary, presented to the  
Annual Convention of the Society of Mathematicians and  
Physicists of Croatia, January 24, 1962. Glas mat fiz  
Hrv 17 no.1/2:138-141 '62 [publ. '63].



KASUMOVIC, Navenka; SPIGELHALTER, Lj.; BOROVECK, I.

3 cases of poisoning by nitrous gases in a shipyard. Arh. hig. rada  
13 no.3:231-238 '62.

1. Medicinski centar Pula.

(WELDING)

(OCCUPATIONAL DISEASES)

YUGOSLAVIA

Nevenka KASUMOVIC, Lj. SPIGELHALTER and I. BOROVECKI, Medical Center  
(Medicinski centar), Pula.

"Three Cases of Nitrous Fume Poisonings in a Shipyard."

Zagreb, Arhiv za Higijenu Rada i Toksikologiju, Vol 13, No 3, 1962; pp  
231-238.

Abstract [English summary modified]: Case histories of 3 workers who  
had pulmonary edema symptoms of varying degrees of severity following  
acetylene-torch welding in small unventilated cabins. Two had been  
welding in a small room on board ship, having only a narrow slit on  
ceiling, "uninterruptedly all day from 7 in the morning till 1 after  
midnight". All recovered. Preventive measures are outlined. Case  
report, 3 chest x-rays; 5 German, 1 Soviet and 8 Yugoslav references.

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KARAYEV, A.I.; KADYROV, G.K.; IERAGIMOVA, N.D.; KASUMOVA, T.S.

Effect of short-term strong and prolonged weak stimulations of  
the reticular formation on the electric activity of the heart.  
Vop.fiziol. 5:17-37 '62. (MIRA 16:5)  
(BRAIN) (ELECTROCARDIOGRAPHY)

ARAKELYAN, A.O., kand. sel'skokhoz. nauk; KASUMYAN, S.A.

Phosphorus organic pesticides for controlling the greenhouse  
aphid *Myzodes persicae* on the peach. Zashch. rast. ot vred.  
1 bol. 6 no.10:39 0 '61. (MIRA 16:6)

1. Armanakiy institut vinogradarstva, vinodeliya i  
plodovodstva, Yerevan.

(Armenia--Peach--Diseases and pests)  
(Armenia--Plant lice--Extermination)

KULIYEV, S.M.; KASUM-ZADE, D.S.

Effect of well diameter on the economic efficiency of drilling.  
Azerb. neft. khoz. 37 no.2:21-22 F "58. (MIRA 11:6)  
(Oil well drilling--Equipment and supplies)

KASUM-ZADE, D.S.

Studying the effect of bit diameter changes on drilling speed.  
Azerb.neft.khoz. 38 no.1:12-14 Ja '59. (MIRA 12:4)  
(Oil well drilling)

KASUM-ZADE, D.S.

Development of deep well drilling. Azerb. neft. khoz. 38 no.7:10-13  
Jl '59. (MIRA 13:2)

(Oil well drilling)

KASUM-ZADE, D.S.; KARPENKO, M.M.; PROTASOV, G.N.; KARASHARLY, A.G.

Brief review of the studies of drilling methods carried out by  
the Azerbaijan Scientific Research Institute for Petroleum Production.  
Trudy AzNII DN no.9:105-109 '60. (MIRA 14:5)  
(Azerbaijan—Oil well drilling)



KASUM-ZADE, D.S. (Baku); KULIYEV, S.M. (Baku); SHISHCHENKO, R.I. (Krasnodar),  
SIDOROV, N.A. (Krasnodar); SHASHIN, V.D. (Kazan'); KAS'YANOV, V.M.,  
(Moskva); GURENKO, T.P. (L'vov)

Well bottom automatic device for turbodrilling; comments on A.A.  
Minin's article published in "Neftianoe khoziaistvo," no.10 1959.  
Neft.khoz. 38 no.2:19-22 F '60. (MIRA 13:8)  
(Turbodrills)

KASUM-ZADE, D.S.; SAROYAN, A.Ye.; ARUTYUNOV, B.I.

Effect of temperature and pressure on casing strings. Azerb. neft.  
khoz. 39 no.11;26-28 N '60. (MIRA 13:12)  
(Oil well casing)

SEID-RZA, M.K.; KULIYEV, S.M.; KASIM-ZADE, D.S.

Development of drilling practices in Azerbaijan during the last  
40 years. Azerb. neft. khoz. 39:14-16 Ap '60. (MIRA 13:11)  
(Azerbaijan--Oil well drilling)

KASUM-ZADE, ~~К~~-D. S.

Cand Tech Sci - (diss) "Strengthening and simplifying designs of petroleum and gas wells in areas of Azerbaydzhan." Baku, 1961. 13 pp; (Committee of Higher and Secondary Specialist Education of the Council of Ministers Azerbaydzhan SSR, Azerbaydzhan Order of Labor Red Banner Inst of Petroleum and Chemistry imeni M. Azizbekov); 250 copies; free; (KL, 6-61 sup, 218)

KASUM-ZADE, D.S.; MAMEDOV, G.D.; QAZARYAN, G.S.; YADULLAYEV, N.N.

Nature of the change in the footage drilled per bit in relation to  
depth in the Zyrya area. Azerb нефт. khoz. 40 no.10:19-21 0  
'61. (MIRA 15:3)

(Apsheron Peninsula--Oil well drilling)

KASUM-ZADE, D.S.; YADULLAYEV, N.N.; SHERSTNEV, N.M.; ASKEROV, K.A.;  
DASHDAMIROV, F.A.; BAGIRYANTS, R.S.

Analysis of the performance of reduced-diameter bits and the  
effectiveness of their use in the area of the Darwin-More Shoal.  
Azerb.neft.khoz. 40 no.12:23-26 D '61. (MIRA 15:8)  
(Apsheron Archipelago--Oil well drilling, Submarine)

RUSTAMBEKOV, A.F.; KASUM-ZADE, D.S.; YADULLAYEV, N.N.; ASKEROV, A.G.;  
SHERSTNEV, N.M.

Practices in drilling wells of a simplified structure under  
complex geological conditions in the Kyanizadag area. Azerb.  
neft. khoz. 42 no.1:16-18 Ja '63. (MIRA 16:10)

(Azerbaijan—Oil well drilling)

KASUM-ZADE, D.S.; KARPENKO, M.M.; SHEVTSOV, A.S.

Selection of and justification for the design of wells 10,000m.  
deep. Sbor. nauch.-tekh. inform. Azerb. inst. nauch.-tekh. inform.  
Ser. Neft. prom. no.6:3-17 '63. (MIRA 18:9)



KASUM-ZADE, D.S.; YADULIAYEV, N.N.; SHERSTNEV, N.M.; DZHALILOV, N.M.;  
TSYPIN, S.B.

Analyzing the performance of bits and turbodrills in the  
Kyurovdag area. Sbor. nauch.-tekhn. inform. Azerb. inst.  
nauch.-tekhn. inform. Ser. Neft. prom. no.6:36-41 '63.  
(MIRA 18:9)

Name: KASUMZADE (KASIMOV), Feyzulla Samed-ogly

Dissertation: History of Development of the Realistic  
Democratic Trend in Azerbaydzhan Literature of the 19th Century

Degree: Doc Philological Sci

Affiliation: /Not indicated/

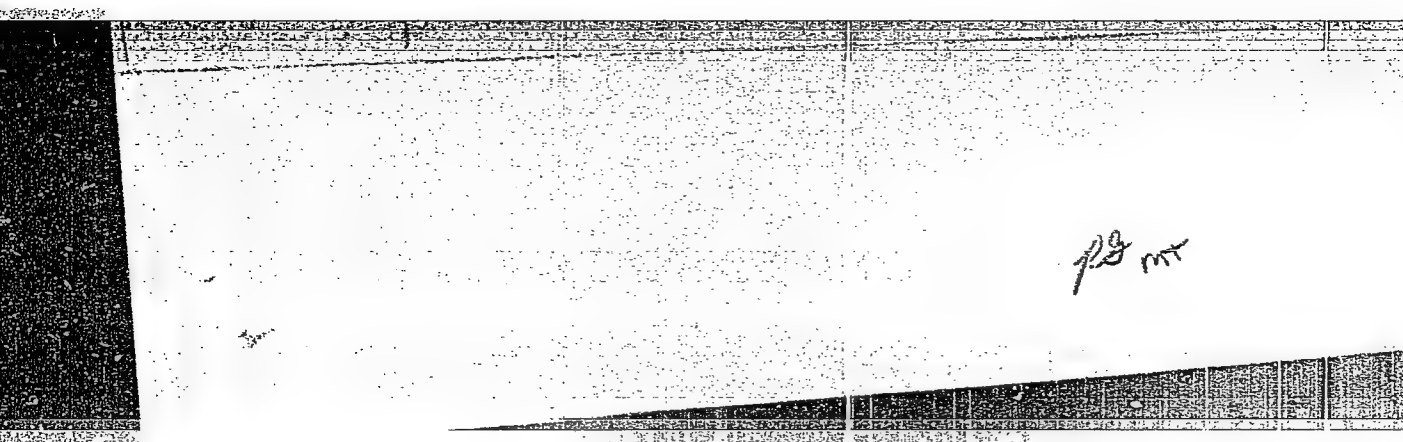
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KASUMZADE, N. G.

✓ The influence of calcium upon the corrosion and the  
properties of medium-carbon steel. N. G. Kasumzade  
Trudy Inst. Fiz. i Khim. Akad. Nauk. 1960. 10. 1-10.

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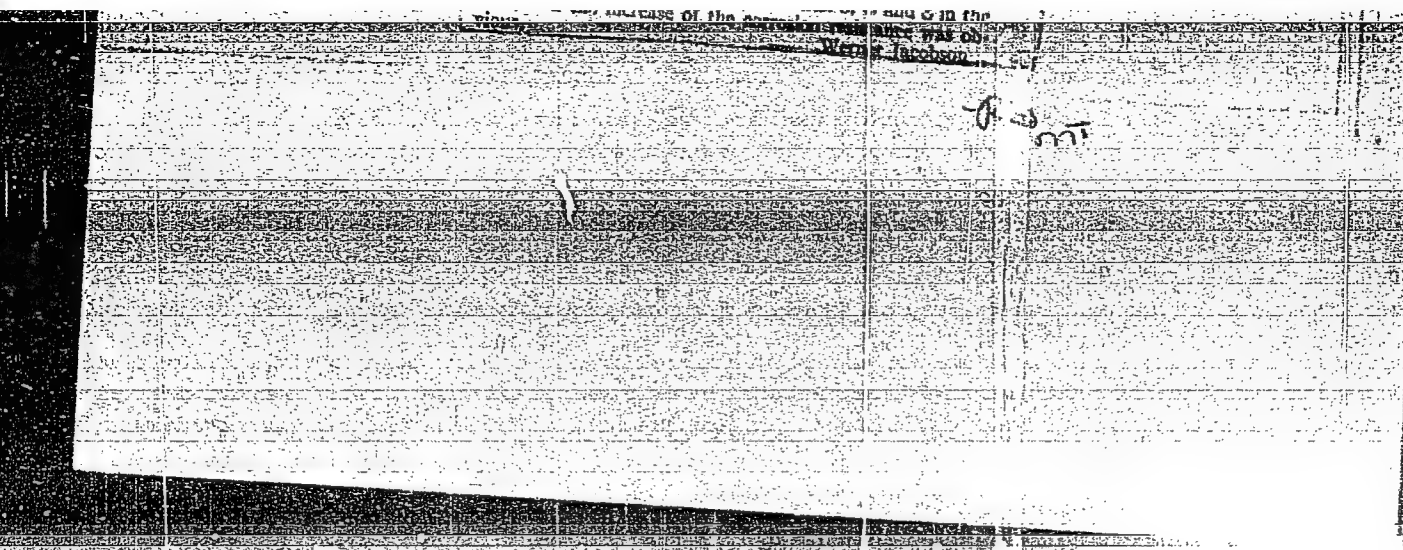
CIA-RDP86-00513R000721110002-7"

*The influence of metallic calcium on the corrosion properties of austenitic steel.*

... 7, 99-100 (1955). — The steel investigated analyzed C 0.03-0.08, Ni 17-19, Cr 7-9, Cu 0.5-1.5, Mo 0.5-0.8, and Ti 0.15-0.25%. Ca was added in amounts of 0.40-0.80%. On the basis of photographs it is shown how such additions influence the zone of columnar crystals, especially the layer of short dendrites in the center. Ca causes these dendrites to break up. It also causes the disappearance of free carbide at the grain boundaries. The Ca furthermore cuts down the amounts of O and S in the steel, and the increase of the corrosion resistance was obvious.

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KASUMZADE, M. G.-Y.

KASUMZADE, Nadir Gadzh-Yusif, ogly, dots., kand.tekhn.nauk; MEGREYEV, V.F.,  
prof., doktor tekhn.nauk, red.; GONCHAROV, I.A., red.izd-va

[Adding silicon to steel for controlling corrosion in equipment of  
petroleum plants] Prisdki kremniia k stali dlia bor'by s korro-  
ziel neftezavodskoi apparatury. Baku, Azerbaidzhanskoe gos.izd-vo  
neft. i nauchno-tekhn.lit-ry, 1957. 111 p. (MIRA 11:2)  
(Steel--Corrosion)

PHASE I BOOK EXPLOITATION 884

Kasumzade, Nadir Gadzhi, Candidate of Technical Sciences, Docent

Izmeneniye struktury i svoystv stali pod vliyaniyem fiziko-khimicheskikh faktorov, deystvuyushchikh pri razlivke (Transformation of the Structure and Properties of Steel Under the Influence of Physical and Chemical Factors, Taking Effect During Teeming) Baku, Aznefteizdat, 1957. 363 p. 2,000 copies printed.

Ed.: Tavadze, F.N., Doctor of Technical Sciences, Corresponding Member, Georgian SSR Academy of Sciences, Professor; Ed. of Publishing House: Goncharov, I.A.

PURPOSE: This book is intended for engineers and technicians at metallurgical and machinery-manufacturing plants, laboratories, and research institutes, as well as for students of metallurgy.

COVERAGE: The book presents the results of theoretical and experimental investigations of changes in structure and properties of steel under the influence of various physical and chemical

Card ~~1~~/6

Transformation of the Structure and Properties of Steel (Cont.) 884

factors (small, medium, and large amounts of addition agents, treatment with gases, agitation, vibration, gas pressure on the surface of the liquid metal in the mold) during the teeming and crystallization processes. The investigations took place in a research institute in Leningrad, at the Azerbaydzhan Academy of Sciences, at the Mashinostroitel'nyy zavod imeni ley. Shmidta (Machine-Building Plant imeni Lt. Schmidt) in Baku, and at the Novo-Bakinskiy neftepererabatyvayushchiy zavod (New Baku Oil Refinery). Certain parts of the book have appeared in the periodical literature or have been presented as scientific papers. The author expresses his thanks to Academician N.T. Gudtsov (deceased) and Professors I.S. Gayev and Yu.A. Nekhendzi for their advice and suggestions. There are 267 references, of which 211 are Soviet, 26 English, 26 German, and 4 French.

TABLE OF CONTENTS:

From the Author

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A004/A101

16.8300

AUTHORS: Negreyev, V. F.; Kasumadze, N. G.; Mamedov, I. A.; Kuliyeu, R.Sh.;  
Antonova, K. I.

TITLE: Corrosion of special steels in naphthenic acids

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 12, 1961, 16, abstract  
12A117 ("Azerb. neft. kh-vo", 1960, no. 11, 43-45)

TEXT: The authors investigated the corrosion rate of various stainless steel grades in naphthenic acids at temperatures in the range of 200-275°C. The high corrosion of chromous stainless steels was found, which even exceeds the corrosion rate of the non-alloyed CT-3 (ST-3) grade. It was established that chrome-nickel stainless steels tend in a lesser way to corrosion, which attains high values at 275°C, while Cr-Ni-steels with an increased Si-content (3-6%) are highly corrosion-resistant. The corrosion resistance of these steel grades is explained by the properties of the protective films forming in the presence of Si.

[Abstracter's note: Complete translation]

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